

a controller for controlling, in response [responsive] to a discrimination result by said disk discriminator [discriminating means], an operation time of said roller after the pass of the disk being [during] ejected is detected.

3. (Amended) The disk loading apparatus according to claim 1, wherein the ejecting of the disk is [disks are] stopped [ejecting] when the center holes of the [disks] disk is out of said disk loading apparatus.

8. A method of ejecting a disk from a disk loading apparatus, the method comprising the steps of:

ejecting a disk;

detecting a pass of the disk when the disk is being ejected;

discriminating the size of the disk;

controlling, in response to the discriminated size, an operation time of ejecting the disk.

9. The method of ejecting a disk according to claim 8, wherein the step of controlling an operating time of ejecting the disk controls the operation time of a roller for ejecting the disk according to the equation $T=A/V$, where

T is the operation time of the roller for ejecting the disk after the pass of the disk being ejected is detected;

A is predetermined ejection distance; and

V is an ejecting velocity of the roller for ejecting the disk.

10. The method of ejecting a disk according to claim 8, wherein the step of discriminating the size of the disk discriminates the size of the disk during a disk loading operation based on a period from a time when the disk starts to pass over a disk-pass detector to a time when the disk is loaded.

11. The method of ejecting a disk according to claim 8, wherein the step of discriminating the size of the disk discriminates the size of the disk during a disk ejecting operation based on a period of time from the start of the disk ejecting operation to a time when the disk is detected by a disk-pass detector.

12. The method of ejecting a disk according to claim 8, wherein the step of discriminating the size of the disk discriminates the size of the disk based on a period of time for the disk, when mounted on a turntable, to rotate at a predetermined speed from a stopped position.